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(54) Title: METHOD FOR PARTIALLY AND SELECTIVELY HYDROGENATING POLYMERS MADE OF CONJUGATED DIENES

(57) Abstract: The invention relates to a method for partially and selectively hydrogenating a polymer made of at least a conjugated diene monomer having a vinyl content of from 20 to 65%, comprising a hydrogenation step on a solution of the polymer, characterized in that the hydrogenation step is performed in the presence of an iron-containing catalyst whereby a hydrogenated polymer is obtained wherein the vinyl content is reduced to 5% or less, whereas the content of 1,4 double bonds is maintained at a level of at least 30%.

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